

In the Claims:

1. A sprayer for releasably engaging a container of liquid, the container including an outlet valve, the sprayer comprising:

(a) a venturi; and

5 (b) a plunger fluidly connected to the venturi and movable between a closed position and an activating position in response to a flow through the venturi.

2. The sprayer of Claim 1, wherein a resistance to flow by the venturi creates a positive pressure before the venturi which exerts a positive pressure on the plunger..

3. The sprayer of Claim 1, wherein the plunger is fluidly connected to the venturi to expose a negative pressure to the plunger in response to a flow through the venturi.

4. A sprayer assembly connectable to a container having an actuatable outlet valve, comprising:

(a) a venturi; and

5 (b) an actuator connected to the venturi to actuate the outlet valve in response to a flow through the venturi.

5. The sprayer of Claim 4, further comprising a flow path fluidly connecting a low pressure area in the venturi to an interior of the container.

6. A sprayer assembly for releasably engaging an additive source having an outlet valve, the assembly comprising:

5 (a) a housing having a venturi, the housing configured to releasably engage a source of pressurized carrier liquid for generating a flow through the venturi; and

(b) an actuator moveably connected to the housing between an actuating position and a closed position.

7. The sprayer assembly of Claim 5, wherein the actuator is fluidly connected to the venturi and moveable to the actuating position in response to a flow through the venturi.

8. A low flow sprayer assembly for engaging an additive source, comprising: (a) a housing having a venturi configured to generate sufficiently reduced pressure to entrain an additive at a flow rate less than 1.5 gpm through the venturi; and (b) a plunger moveably
5 connected to the housing between a first position and a second position in response to a flow through the venturi.

9. A sprayer assembly, comprising:

(a) a venturi;

(b) a plunger fluidly connected to the venturi and moveable between an open position and a closed position, the plunger including
5 a passageway therethrough; and

(c) a check valve fluidly connected to the passageway in the plunger.

10. A method of withdrawing liquid from a container, comprising:

(a) passing a fluid through a venturi to create a localized low pressure zone and a localized high pressure zone; and

(b) exposing a plunger to the low pressure zone or the high
5 pressure zone to move the plunger to an activating position for withdrawing liquid from the container.

11. The method of Claim 9, further comprising employing a remaining one of the low pressure zone and the high pressure zone to urge the liquid from the container.

12. A method of spraying, comprising:

(a) connecting a sprayer assembly having a venturi to a hand operated pump;

(b) actuating a valve connected to an additive source in
5 response to a flow through the venturi; and

(c) entraining additive from the additive source in the flow through the venturi.

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